ADDENDUM – Posted 11/2/2012
E-Rate Internal Connections – Network Infrastructure Equipment

Revised Due Date: December 3, 2012

Please be advised: The conditions of the original specification document still apply, with the following changes to consider:

These specifications are to be completed on two campuses, Tucson and Phoenix. Two quotes should be provided, one for each campus, to meet the specifications and quantities required, as indicated below.

Required Equipment List:

Tucson Campus

*Network Core System
System Specifications: (comparable to a Cisco Nexus 7000-9 Slot)
7 blades (1-supervisor, 3-48 port gigabit Ethernet switches, 2 Fiber switches)
Redundant power supplies, core switch cabinet

*Edge switches (48-Ports) – 40 total
Specifications: (comparable to Cisco Catalyst 2960-S)
48 x 10/100/1000 Full Power over Ethernet, 2 10gb Ethernet SFP+ or 2 1gb Ethernet SFP ports, stackable

*Compact switches (8-Ports) – 40 total
Specifications: (comparable to Cisco Catalyst 3560-8PC)
8 x 10/100Base-TX LAN, 1 x 10/100/1000Base-T LAN, Power over Ethernet, managed

*Compact switches (12-Ports) – 40 total
Specifications: (comparable to Cisco Catalyst 3560-12PC-S)
1 x SFP (mini-GBIC) Shared - 12 x10/100Base-TX LAN, 1 x 10/100/1000Base-T LAN, Power over Ethernet, managed

*Firewall
Specifications: (comparable to Palo Alto Networks PA-2050)
Rack mounted appliance, 1gb throughput minimum, dedicated processing and memory, IDS/IPS integrated, URL filtering and management, integrated SSL VPN.

*Uninterruptable Power Supplies – 20 approximately

Specifications: (comparable to APC smt1500rm2u)

1000 watts/1500VA output power capacity, 120v input/output voltage, 6 connections.

Phoenix Campus

*Network Core System

System Specifications: (comparable to a Cisco Nexus 7000-9 Slot)

7 blades (1-supervisor, 3-48 port gigabit Ethernet switches, 2 Fiber switches)

Redundant power supplies, core switch cabinet

*Edge switches (48-Ports) – 20 total

Specifications: (comparable to Cisco Catalyst 2960-S)

48 x 10/100/1000 Full Power over Ethernet, 2 10gb Ethernet SFP+ or 2 1gb Ethernet SFP ports, stackable

*Compact switches (8-Ports) – 20 total

Specifications: (comparable to Cisco Catalyst 3560-8PC)

8 x 10/100Base-TX LAN, 1 x 10/100/1000Base-T LAN, Power over Ethernet, managed

*Compact switches (12-Ports) – 20 total

Specifications: (comparable to Cisco Catalyst 3560-12PC-S)

1 x SFP (mini-GBIC) Shared - 12 x10/100Base-TX LAN, 1 x 10/100/1000Base-T LAN, Power over Ethernet, managed

*Firewall

Specifications: (comparable to Palo Alto Networks PA-2050)

Rack mounted appliance, 1gb throughput minimum, dedicated processing and memory, IDS/IPS integrated, URL filtering and management, integrated SSL VPN.

*Uninterruptable Power Supplies – 10 approximately

Specifications: (comparable to APC smt1500rm2u)

1000 watts/1500VA output power capacity, 120v input/output voltage, 6 connections.